

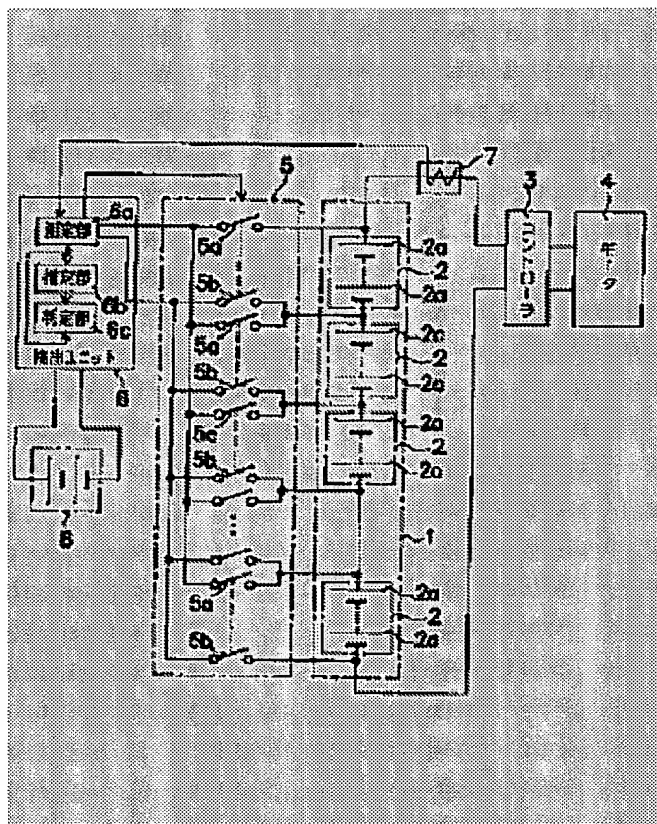
## FAILURE DETECTION DEVICE FOR BATTERY SET

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**- european:**  
**Application number:** JP19950183393 19950626  
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## Abstract of JP9015311

**PURPOSE:** To provide a failure detection device for a battery set which surely detects failure caused by over discharge, etc., without affected by variability in terminal voltage due to deterioration of a cell at charging/discharging by measuring the terminal voltage of module battery, more than two minutes after main charge/discharge of a battery set 1 was finished, when the terminal voltage of each cell is stable. **CONSTITUTION:** A measuring part 6a, measuring terminal voltage of each module battery 2 when more than two minutes passed after main charge/discharge of a battery set 1 was finished, is provided to a detection unit 6. And an estimation part 6b which finds an average value or a maximum value of the terminal voltage, used as reference voltage, is provided. And further, a judgment part 6c, which judges it as failure when difference between the reference voltage and each terminal voltage is higher than 1V, is provided.

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